

IN THE ABSTRACT:

The Abstract has been amended as follows:

An apparatus for determination of a recruitable volume in a lung has a control system connectable to a pneumatic unit and to a measurement system and operable to, at a first point in time, regulate the pneumatic unit to generate a first test breath having predetermined parameters with respect to flow and/or pressure of the gas flow, register volume and pressure in the lung during the first test breath, measured by the measurement system and . The control system is at a operable second point in time, to regulate the pneumatic unit to generate a second test breath identical to the first test breath, register volume and pressure in the lung during the second test breath, measured by the measurement system. The control system compares ~~, compare~~ the registered volume and pressure for the first test breath and the second test breath, and ~~determine~~ determines a recruitable volume based on the comparison.